

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S19	1765	(257/40,e51.024-e51.052 313/502-512 428/690,917). ocls. and (@ad<"20041130") and \$5thiophen\$3 and (vanadium adj1 oxide vo! molybdenum adj1 oxide moo! rhenium adj1 oxide reo! tungsten adj1 oxide wo! chromium adj1 oxide cr! zirconium adj1 oxide hafnium adj1 oxide tantalum adj1 oxide niobium adj1 oxide transition adj3 oxide)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 12:23
S20	6	(257/40,e51.024-e51.052 313/502-512 428/690,917). ocls. and (@ad<"20041130") and \$5thiophen\$3 and (vanadium adj1 oxide vo! molybdenum adj1 oxide moo! rhenium adj1 oxide reo! tungsten adj1 oxide wo! chromium adj1 oxide cr! zirconium adj1 oxide hafnium adj1 oxide tantalum adj1 oxide niobium adj1 oxide transition adj3 oxide) same acceptor	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 12:23
S21	244	(257/40,e51.024-e51.052 313/502-512 428/690,917). ocls. and (@ad<"20041130") and \$5thiophen\$3 same (vanadium adj1 oxide vo! molybdenum adj1 oxide moo! rhenium adj1 oxide reo! tungsten adj1 oxide wo! chromium adj1 oxide cr! zirconium adj1 oxide hafnium adj1 oxide tantalum adj1 oxide niobium adj1 oxide transition adj3 oxide)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 12:36

S22	134	(257/40,e51.024-e51.052 313/502-512 428/690,917). ocls. and (@ad< "20041130") and \$5thiophen\$3 with (vanadium adj1 oxide vo! molybdenum adj1 oxide mool rhenium adj1 oxide reol tungsten adj1 oxide wo! chromium adj1 oxide cr! zirconium adj1 oxide hafnium adj1 oxide tantalum adj1 oxide niobium adj1 oxide transition adj3 oxide)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 12:36
S23	93	(257/40,e51.024-e51.052 313/502-512 428/690,917). ocls. and (@ad< "20041130") and \$5thiophen\$3 with (vanadium adj1 oxide vo! molybdenum adj1 oxide mool rhenium adj1 oxide reol tungsten adj1 oxide chromium adj1 oxide cr! zirconium adj1 oxide hafnium adj1 oxide tantalum adj1 oxide niobium adj1 oxide transition adj3 oxide)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 12:39
S24	92	(257/40,e51.024-e51.052 313/502-512 428/690,917). ocls. and (@ad< "20041130") and \$5thiophen\$3 with (vanadium adj1 oxide "vo. sub.x" molybdenum adj1 oxide mool rhenium adj1 oxide reol tungsten adj1 oxide chromium adj1 oxide cr! zirconium adj1 oxide hafnium adj1 oxide tantalum adj1 oxide niobium adj1 oxide transition adj3 oxide)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 12:40

S25	4	(257/40,e51.024-e51.052 313/502-512 428/690,917). ocls. and (@ad<"20041130") and acceptor with (vanadium adj1 oxide "vo.sub.x" molybdenum adj1 oxide moo! rhenium adj1 oxide reo! tungsten adj1 oxide chromium adj1 oxide cr! zirconium adj1 oxide hafnium adj1 oxide tantalum adj1 oxide niobium adj1 oxide transition adj3 oxide)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 12:46
S26	46	(257/40,e51.024-e51.052 313/502-512 428/690,917). ocls. and (@ad<"20041130") and \$5thiophen\$4 with (donati \$4 donor)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 12:55
S27	31	(257/40,e51.024-e51.052 313/502-512 428/690,917). ocls. and (@ad<"20041130") and \$5thiophen\$4 with (donati \$4 donor) and acceptor	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 12:55
S28	0	(257/40,e51.024-e51.052 313/502-512 428/690,917). ocls. and (@ad<"20041130") and lewis with (vanadium adj1 oxide "vo.sub.x" molybdenum adj1 oxide moo! rhenium adj1 oxide reo! tungsten adj1 oxide chromium adj1 oxide cr! zirconium adj1 oxide hafnium adj1 oxide tantalum adj1 oxide niobium adj1 oxide transition adj3 oxide)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 13:55

S29	423	(257/40,e51.024-e51.052 313/502-512 428/690,917). ocls. and (@ad< "20041130") and anode with (vanadium adj1 oxide "vo.sub.x" molybdenum adj1 oxide mool rhenium adj1 oxide reol tungsten adj1 oxide chromium adj1 oxide cr! zirconium adj1 oxide hafnium adj1 oxide tantalum adj1 oxide niobium adj1 oxide transition adj3 oxide)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 13:55
S30	22	(257/40,e51.024-e51.052 313/502-512 428/690,917). ocls. and (@ad< "20041130") and anode with (vanadium adj1 oxide "vo.sub.x" molybdenum adj1 oxide mool rhenium adj1 oxide reol tungsten adj1 oxide chromium adj1 oxide cr! zirconium adj1 oxide hafnium adj1 oxide tantalum adj1 oxide niobium adj1 oxide transition adj3 oxide) same \$6thiophen\$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 13:56
S31	0	(257/40,e51.024-e51.052 313/502-512 428/690,917). ocls. and (@ad< "20041130") and (anode near2 buffer) with (vanadium adj1 oxide "vo. sub.x" molybdenum adj1 oxide mool rhenium adj1 oxide reol tungsten adj1 oxide chromium adj1 oxide cr! zirconium adj1 oxide hafnium adj1 oxide tantalum adj1 oxide niobium adj1 oxide transition adj3 oxide) same (doped dopant)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 14:00

S32	207	(257/40,e51.024-e51.052 313/502-512 428/690,917). ocls. and (@ad<"20041130") and (anode) with (vanadium adj1 oxide "vo.sub.x" molybdenum adj1 oxide mool rhenium adj1 oxide reol tungsten adj1 oxide chromium adj1 oxide cr! zirconium adj1 oxide hafnium adj1 oxide tantalum adj1 oxide niobium adj1 oxide transition adj3 oxide) same (doped dopant)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 14:00
S33	200	(257/40,e51.024-e51.052 313/502-512 428/690,917). ocls. and (@ad<"20041130") and (anode) with (vanadium adj1 oxide "vo.sub.x" molybdenum adj1 oxide mool rhenium adj1 oxide reol tungsten adj1 oxide chromium adj1 oxide cr! zirconium adj1 oxide hafnium adj1 oxide tantalum adj1 oxide niobium adj1 oxide transition adj3 oxide) with (doped dopant)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 14:01
S34	2	(257/40,e51.024-e51.052 313/502-512 428/690,917). ocls. and (@ad<"20041130") and (anode) with (vanadium adj1 oxide "vo.sub.x" molybdenum adj1 oxide mool rhenium adj1 oxide reol tungsten adj1 oxide chromium adj1 oxide cr! zirconium adj1 oxide hafnium adj1 oxide tantalum adj1 oxide niobium adj1 oxide transition adj3 oxide) with (doped dopant) same (injection buffer)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 14:01
S35	10	(257/40,e51.024-e51.052 313/502-512 428/690,917). ocls. and (@ad<"20041130") and (anode adj2 buffer hole adj2 injecti\$5) with (dopant acceptor) with oxide	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 14:03

S36	0	(257/40,e51.024-e51.052 313/502-512 428/690,917). ccls. and (@ad<"20041130") and (anode adj2 buffer hole adj2 injecti\$5) with dopant acceptor) with transition adj2 metal	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 14:04
S37	7	(257/40,e51.024-e51.052 313/502-512 428/690,917). ccls. and (@ad<"20041130") and (anode adj2 buffer hole adj2 injecti\$5) with transition adj2 metal	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 14:04
S38	29	(257/40,e51.024-e51.052 313/502-512 428/690,917). ccls. and (@ad<"20041130") and transition adj2 metal adj2 oxide	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 14:07
S39	0	(257/40,e51.024-e51.052 313/502-512 428/690,917). ccls. and (@ad<"20041130") and (anode) same(vanadium adj1 oxide "vo.sub.x" molybdenum adj1 oxide mool rhenium adj1 oxide reol tungsten adj1 oxide chromium adj1 oxide cr! zirconium adj1 oxide hafnium adj1 oxide tantalum adj1 oxide niobium adj1 oxide transition adj3 oxide) with (doped dopant) same tcnq	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 14:11
S40	2	(257/40,e51.024-e51.052 313/502-512 428/690,917). ccls. and (@ad<"20041130") and (anode) same(vanadium adj1 oxide "vo.sub.x" molybdenum adj1 oxide mool rhenium adj1 oxide reol tungsten adj1 oxide chromium adj1 oxide cr! zirconium adj1 oxide hafnium adj1 oxide tantalum adj1 oxide niobium adj1 oxide transition adj3 oxide) same tcnq	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 14:11

S41	21	(257/40,e51.024-e51.052 313/502-512 428/690,917). ccls. and (@ad<"20041130") and (vanadium adj1 oxide "vo. sub.x" molybdenum adj1 oxide mool rhenium adj1 oxide reol tungsten adj1 oxide chromium adj1 oxide cr1 zirconium adj1 oxide hafnium adj1 oxide tantalum adj1 oxide niobium adj1 oxide transition adj3 oxide) near2 (doped dopant)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 14:13
S42	12	(257/40,e51.024-e51.052 313/502-512 428/690,917). ccls. and (@ad<"20041130") and p adj2 type adj2 dopant same (buffer injection)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 14:25
S43	402	(257/40,e51.024-e51.052 313/502-512 428/690,917). ccls. and (@ad<"20041130") and metal adj1 oxide same (buffer injection)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 14:26
S44	21	(257/40,e51.024-e51.052 313/502-512 428/690,917). ccls. and (@ad<"20041130") and metal adj1 oxide same (buffer injection) same dielectric	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 14:26
S45	18904	(257/40,e51.024-e51.052 313/502-512 428/690,917). ccls. and (@ad<"20041130") and "v. sub.2o.sub.5" same (buffer injection) same dielectric	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 14:31
S46	0	(257/40,e51.024-e51.052 313/502-512 428/690,917). ccls. and (@ad<"20041130") and "v. sub.2o.sub.5" same (buffer injection) same dielectric	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 14:31
S47	0	(257/40,e51.024-e51.052 313/502-512 428/690,917). ccls. and (@ad<"20041130") and "v. sub.2 o.sub.5" same (buffer injection) same dielectric	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 14:31

S48	2	(257/40,e51.024-e51.052 313/502-512 428/690,917). ccls. and (@ad<"20041130") and "v. sub.2 o.sub.5" same (buffer injection)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 14:31
S49	100	(257/40,e51.024-e51.052 313/502-512 428/690,917). ccls. and (@ad<"20041130" @prad<"20041130" @rlad<"20041130") and lewis adj2 acid and electron adj2 accept\$5	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 14:38
S50	59	(257/40,e51.024-e51.052 313/502-512 428/690,917). ccls. and (@ad<"20041130" @prad<"20041130" @rlad<"20041130") and lewis adj2 acid same electron adj2 accept\$5	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 14:38
S51	37	(257/40,e51.024-e51.052 313/502-512 428/690,917). ccls. and (@ad<"20041130" @prad<"20041130" @rlad<"20041130") and lewis adj2 acid with electron adj2 accept\$5	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 14:39
S52	43	(257/40,e51.024-e51.052 313/502-512 428/690,917). ccls. and (@ad<"20041130") and (vanadium adj1 oxide "vo. sub.x" molybdenum adj1 oxide mool rhenium adj1 oxide reo! tungsten adj1 oxide chromium adj1 oxide cr! zirconium adj1 oxide hafnium adj1 oxide tantalum adj1 oxide niobium adj1 oxide transition adj3 oxide) same (oxidiz\$7 oxidation8)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 15:06

S53	83	(257/40,e51.024-e51.052 313/502-512 428/690,917). ccls. and (@ad<"20041130") and (vanadium adj1 oxide "vo. sub.x" molybdenum adj1 oxide mool rhenium adj1 oxide reo! tungsten adj1 oxide chromium adj1 oxide cr1 zirconium adj1 oxide hafnium adj1 oxide tantalum adj1 oxide niobium adj1 oxide transition adj3 oxide) same (oxidiz\$7 oxidation\$8)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 15:06
S54	1	(257/40,e51.024-e51.052 313/502-512 428/690,917). ccls. and (@ad<"20041130") and acceptor with metal with oxide with (group periodic)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 15:32
S55	0	(257/40,e51.024-e51.052 313/502-512 428/690,917). ccls. and (@ad<"20041130") and acceptor with oxide with (group and periodic)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 15:33
S56	0	(257/40,e51.024-e51.052 313/502-512 428/690,917). ccls. and (@ad<"20041130") and acceptor with (group and periodic)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 15:33
S57	0	(257/40,e51.024-e51.052 313/502-512 428/690,917). ccls. and (@ad<"20041130") and acceptor with (group with periodic)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 15:33
S58	1	(257/40,e51.024-e51.052 313/502-512 428/690,917). ccls. and (@ad<"20041130") and (acceptor accepti\$4) with (group with periodic)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 15:34
S59	274	(257/40,e51.024-e51.052 313/502-512 428/690,917). ccls. and (@ad<"20041130" @prad<"20041130" @rlad<"20041130") and ("fecl.sub.3")	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 15:39

S60	0	S59 and ("v.sub.2 o.sub.5")	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 15:40
S61	1	S59 and "vo.sub.x"	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 15:40
S62	100	S59 and (vanadium adj1 oxide "vo.sub.x" molybdenum adj1 oxide moo! rhenium adj1 oxide reo! tungsten adj1 oxide chromium adj1 oxide cr! zirconium adj1 oxide hafnium adj1 oxide tantalum adj1 oxide niobium adj1 oxide transition adj3 oxide)	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/25 15:55
S63	45	(fukuoka-k\$ hosokawa-c\$). in. and acceptor and (313/501-512 257/40).ocls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/26 08:29
S64	6	(fukuoka-k\$ hosokawa-c\$). in. and acceptor same (oxide nitride) and (313/501- 512 257/40).ocls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/26 08:29
S65	6	(fukuoka-k\$ hosokawa-c\$ yamamichi-k\$ yuasa-k\$ kuma-h\$).in. and acceptor same (oxide nitride) and (313/501-512 257/40).ocls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/26 08:30
S66	1	"6180217".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/27 09:22

EAST Search History (Interference)

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